

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	168	(Steen-Marcus Eriksson-Anders Berglund-Sixten Udd-Soren).IN.	US-PGPUB; USPAT	OR	ON	2009/10/07 11:30
S2	36	(Steen-Marcus Eriksson-Anders Berglund-Sixten Udd-Soren).IN. and filter	US-PGPUB; USPAT	OR	ON	2009/10/07 11:30
S3	3	(Steen-Marcus Eriksson-Anders Berglund-Sixten Udd-Soren).IN. and filter and ("gear ratio" (gear with shift))	US-PGPUB; USPAT	OR	ON	2009/10/07 11:35
S5	3	(Steen-Marcus Eriksson-Anders Berglund-Sixten Udd-Soren).IN. and filter and ("gear ratio" (gear with shift\$4))	US-PGPUB; USPAT	OR	ON	2009/10/07 11:35
S6	33	S2 not S5	US-PGPUB; USPAT	OR	ON	2009/10/07 11:36
S7	1997	(volvo).AS.	US-PGPUB; USPAT	OR	ON	2009/10/07 12:46
S10	8	(volvo "volvo lastvagnar ab").AS. and filter and "gear ratio"	US-PGPUB; USPAT	OR	ON	2009/10/07 12:51
S13	21	(volvo "volvo lastvagnar ab").AS. and (regenerat\$4 with filter)	US-PGPUB; USPAT	OR	ON	2009/10/07 12:52
S14	3	(volvo "volvo lastvagnar ab").AS. and (regenerat\$4 with filter) and gear	US-PGPUB; USPAT	OR	ON	2009/10/07 13:00
S15	0	(volvo "volvo lastvagnar ab").AS. and (regenerat\$4 with filter) and shift\$4	US-PGPUB; USPAT	OR	ON	2009/10/07 13:01
S17	6	(volvo "volvo lastvagnar ab").AS. and (clean\$4 with filter) and (gear shift\$4)	US-PGPUB; USPAT	OR	ON	2009/10/07 13:02
S18	61	(volvo "volvo lastvagnar ab").AS. and (filter) and (gear shift\$4)	US-PGPUB; USPAT	OR	ON	2009/10/07 13:04
S19	22419	(134/2 134/18 134/19 134/20 134/22.1 134/22.11 134/22.12 134/22.18 134/31 134/34 134/35 134/39 134/42 60/272-324). ccls.	US-PGPUB; USPAT	OR	ON	2009/10/07 13:15
S20	2015	(134/2 134/18 134/19 134/20 134/22.1 134/22.11 134/22.12 134/22.18 134/31 134/34 134/35 134/39 134/42 60/272-324). ccls. and (regenerat\$4 with filter)	US-PGPUB; USPAT	OR	ON	2009/10/07 13:15
S21	3	(134/2 134/18 134/19 134/20 134/22.1 134/22.11 134/22.12 134/22.18 134/31 134/34 134/35 134/39 134/42 60/272-324). ccls. and ((regenerat\$4 clean\$4) with filter) and "gear ratio" and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/07 13:16
S22	9	("2003/0145582").URPN.	USPAT	OR	ON	2009/10/07 13:18

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S23	1175	(134/2 134/18 134/19 134/20 134/22.1 134/22.11 134/22.12 134/22.18 134/31 134/34 134/35 134/39 134/42 60/272-324). ccls. and ((regenerat\$4 clean\$4) with filter) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/07 13:23
S24	490	(134/2 134/18 134/19 134/20 134/22.1 134/22.11 134/22.12 134/22.18 134/31 134/34 134/35 134/39 134/42 60/272-324). ccls. and (((regenerat\$4 clean\$4) with filter) same temperature) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/07 13:24
S25	209	(filter same "gear ratio") and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/07 13:51
S26	154	(filter with (regenerat\$4 clean\$4)) and "gear ratio" and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/07 14:27
S27	139	S26 not S25	US-PGPUB; USPAT	OR	ON	2009/10/07 14:27
S28	30	(filter same "gear ratio") and @PY<"2004"	JPO	OR	ON	2009/10/07 15:18
S29	33	(filter and "gear ratio") and @PY<"2004"	JPO	OR	ON	2009/10/07 15:34
S30	3	S29 not S28	JPO	OR	ON	2009/10/07 15:34
S31	267	(filter and (clean\$ regenerat\$4)) and (gear shift\$4) and @PY<"2004"	JPO	OR	ON	2009/10/07 15:37
S32	266	S31 not S28	JPO	OR	ON	2009/10/07 15:37
S33	1	"20030145582".PN.	US-PGPUB; USPAT	OR	ON	2009/10/08 07:56
S34	1	"particle trap filter" and regenerat\$4 and (particle with temperature with different)	US-PGPUB; USPAT	OR	ON	2009/10/08 08:35
S35	15	(particle with trap with filter) and regenerat\$4 and (particle with temperature with different)	US-PGPUB; USPAT	OR	ON	2009/10/08 08:36
S36	3	(particle with trap with filter) and regenerat\$4 and (particle with temperature with different) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 08:36
S37	3	(particle with trap with filter) and (particle with temperature with different) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 08:38
S38	4	(trap with filter) and regenerat\$4 and (particle with temperature with different) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 08:38
S39	1	S38 not S37	US-PGPUB; USPAT	OR	ON	2009/10/08 08:38
S40	17	(trap with filter) and (particle with temperature with different) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 08:39
S42	13	S40 not S38	US-PGPUB; USPAT	OR	ON	2009/10/08 08:39

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S43	64	(particle with trap with filter) and regenerat\$4 and (particle with temperature) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 08:42
S44	61	S43 not S36	US-PGPUB; USPAT	OR	ON	2009/10/08 08:42
S46	3	(particle with trap with filter) and regenerat\$4 and ("particle size" with temperature) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 09:16
S47	9	(particle with trap with filter) and (regenerat\$4 clean\$4) and ("particle size" with temperature) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 09:16
S48	20	(particle with trap with filter) and regenerat\$4 and (particle with temperature) and @PY<"2004"	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 09:31
S49	1	"6093223".PN. and size and temperature	US-PGPUB; USPAT	OR	ON	2009/10/08 09:36
S50	1	"6093223".PN. and trap	US-PGPUB; USPAT	OR	ON	2009/10/08 09:52
S51	0	"20030145582".PN. and (number with particle)	US-PGPUB; USPAT	OR	ON	2009/10/08 10:13
S52	1	"20030145582".PN. and (number)	US-PGPUB; USPAT	OR	ON	2009/10/08 10:13
S53	1	"20030145582".PN. and estimat\$4	US-PGPUB; USPAT	OR	ON	2009/10/08 10:14
S54	1	"20030145582".PN. and ("134" same "136")	US-PGPUB; USPAT	OR	ON	2009/10/08 10:35
S55	1	"20030145582".PN. and (computer algorithm program)	US-PGPUB; USPAT	OR	ON	2009/10/08 13:40
S56	82	"catalytic converter" and (convert\$4 with ("nitrogen dioxide" "NO.sub.2") with (oxygen "O.sub.2"))	US-PGPUB; USPAT	OR	ON	2009/10/08 13:59
S57	2	"catalytic converter" and (convert\$4 with ("nitrogen dioxide" "NO.sub.2") with (oxygen "O.sub.2")) and ((oxygen "O.sub.2") with combust\$4 with particle)	US-PGPUB; USPAT	OR	ON	2009/10/08 13:59
S58	2	"catalytic converter" and (convert\$4 with ("nitrogen dioxide" "NO.sub.2") with (oxygen "O.sub.2")) and ((oxygen "O.sub.2") with combust\$4 with particle)	US-PGPUB; USPAT	OR	ON	2009/10/08 14:00
S59	34	"catalytic converter" and (convert\$4 with ("nitrogen dioxide" "NO.sub.2") with (oxygen "O.sub.2")) and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 14:01
S60	0	"20030145582".PN. and (oxygen "O.sub.2")	US-PGPUB; USPAT	OR	ON	2009/10/08 14:02

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S61	3	("catalytic converter" and (convert\$4 with ("nitrogen dioxide" "NO. <sub>2</sub> ") with (oxygen "O. <sub>2</sub> ")) and @PY<"2004") and (particle with filter)	US-PGPUB; USPAT	OR	ON	2009/10/08 14:09
S62	81	engine and ("particle filter" with (upstream downstream) with "catalytic converter")	US-PGPUB; USPAT	OR	ON	2009/10/08 14:11
S63	12	engine and ("particle filter" with (upstream downstream) with "catalytic converter") and @PY<"2004"	US-PGPUB; USPAT	OR	ON	2009/10/08 14:11